

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| DANIELLE F. GOOSSENS ET AL. | } |
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| SERIAL NO.: 10/813,513      | } |
| FILED: MARCH 29, 2004       | } |
| STABILIZED FLAME RETARDANT  | } |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed herewith for consideration by the Examiner is a First Supplemental Information Disclosure Form PTO/SB/08A with 42 documents listed, but only 38 are enclosed.

Respectfully Submitted,

John F. Sieberth Reg. No. 17,704

Associate Attorney of Record

Allerth A

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

First Supplemental (use as many sheets as necessary)

Sheet 1 of

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| Complete if Known      |                      |  |  |  |
| Application Number     | 10/813,513           |  |  |  |
| Filing Date            | March 29, 2004       |  |  |  |
| First Named Inventor   | Danielle F. Goossens |  |  |  |
| Art Unit               |                      |  |  |  |
| Examiner Name          |                      |  |  |  |
| Attorney Docket Number | FR-7294              |  |  |  |

|               | U.S. PATENT DOCUMENTS |  |                  |                             |   |                |
|---------------|-----------------------|--|------------------|-----------------------------|---|----------------|
| Examiner Cite |                       | Document Number                          | Publication Date | Name of Patentee or         | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant |                |
| Initials*     | No.1                  | Number-Kind Code <sup>2</sup> (if known) |                  | Applicant of Cited Document |   | Figures Appear |
|               | US-15                 | US-4301058                               | 11-17-1981       | Neukirchen et al.           |   |                |
|               | US-16                 | US-4880862                               | 11-14-1989       | Termine et al.              |   |                |
|               | US-17                 | US-5620797                               | 04-15-1997       | Mallonee                    |   |                |
|               | US-18                 | US-6780348 B1                            | 08-24-2004       | Loos et al.                 |   |                |
|               |                       |  |                  |                             |   |                |
|               |                       |  |                  |                             |   |                |
|               |                       |  |                  |                             |   |                |
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|                       |                          | FOR   | EIGN PATENT                 | OCUMENTS   |   |                |
|-----------------------|--------------------------|---|-----------------------------|--|---|----------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                       | FP-1                     | EP 1127917 A1   | 08-29-2001                  | Ajinomoto Co., Inc.                                |   |                |
|                       | FP-2                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | Not translated  |                |
|                       | FP-3                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | Machine translation   | Х              |
|                       | FP-4                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | CAPLUS Abstract only  |                |
|                       | FP-5                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | WPIDS Abstract only   |                |
|                       | FP-6                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | JAPIO Abstract only   |                |
|                       | FP-7                     | JP 06-172607  | 06-21-1994                  | Dow Chem Japan Ltd.                                | ESPACENET database<br>Abstract only   |                |
|                       | FP-8                     | JP 07-216160  | 08-15-1995                  | Chi Mei Corp                                       | Not translated  |                |
|                       | FP-9                     | JP 07-216160  | 08-15-1995                  | Chi Mei Corp                                       | Machine translated  | Х              |
|                       | FP-10                    | JP 07-216160  | 08-15-1995                  | Chi Mei Corp                                       | CAPLUS Abstract only  |                |
|                       | FP-11                    | JP 07-216160  | 08-15-1995                  | Chi Mei Corp                                       | WPIDS Abstract only   |                |
|                       | FP-12                    | JP 07-216160  | 08-15-1995                  | Chi Mei Corp                                       | JAPIO Abstract only   |                |
|                       | FP-13                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | Not translated  |                |
|                       | FP-14                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | Machine translated  | х              |
|                       | FP-15                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | CAPLUS Abstract only  |                |
|                       | FP-16                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | WPIDS Abstract only   |                |
|                       | FP-17                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | JAPIO Abstract only   |                |
|                       | FP-18                    | JP 08-092445  | 04-09-1996                  | Asahi Chem Ind. Co. Ltd.                           | ESPACENET database<br>Abstract only   |                |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |
| Oignature | Considered |  |

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document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|   |  |    | I DISCLOSURE | Application Number     | 10/813,513           |
| STAT  | STATEMENT BY APPLICANT  First Supplemental (use as many sheets as necessary) |    |              | Filing Date            | March 29, 2004       |
| •   |  |    |              | First Named Inventor   | Danielle F. Goossens |
|   |  |    |              | Art Unit               |                      |
|   |  |    |              | Examiner Name          |                      |
| Sheet   | 2  | of | 2            | Attorney Docket Number | FR-7294              |

|           | U.S. PATENT DOCUMENTS |  |                                      |  |  |  |
|-----------|-----------------------|--|--------------------------------------|--|--|--|
| Examiner  | aminer Cite           | Cite Document Number                     | ite Document Number Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where Relevant  |  |
| Initials* | No. <sup>1</sup>      | Number-Kind Code <sup>2</sup> (if known) | MM-DD-YYYY                           |  | Passages or Relevant<br>Figures Appear |  |
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|                       | FOREIGN PATENT DOCUMENTS |  |                                |  |   |                |
|-----------------------|--------------------------|--|--------------------------------|--|---|----------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document  Country Code <sup>5</sup> -Number <sup>4-</sup> -Kind Code <sup>5</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                       | FP-19                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | Not translated  |                |
|                       | FP-20                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | Machine translated  | х              |
|                       | FP-21                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | CAPLUS Abstract only  |                |
|                       | FP-22                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | WPIDS Abstract only   |                |
|                       | FP-23                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | JAPIO Abstract only   |                |
|                       | FP-24                    | JP 08-208939   | 08-13-1996                     | Asahi Chem Ind. Co. Ltd.                           | ESPACENET database<br>Abstract only   |                |
|                       | FP-25                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | Not translated  |                |
|                       | FP-26                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | Machine translated  | x              |
|                       | FP-27                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | CAPLUS Abstract only  |                |
|                       | FP-28                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | WPIDS Abstract only   |                |
|                       | FP-29                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | JAPIO Abstract only   |                |
|                       | FP-30                    | JP 11-158329   | 06-15-1999                     | Calp Corp.   | ESPACENET database<br>Abstract only   |                |
|                       | FP-31                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | Not translated  |                |
|                       | FP-32                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | Machine translated  | х              |
|                       | FP-33                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | CAPLUS Abstract only  |                |
|                       | FP-34                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | WPIDS Abstract only   |                |
|                       | FP-35                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | JAPIO Abstract only   |                |
|                       | FP-36                    | JP 2000 344973   | 12-12-2000                     | Fukuyu Kagaku Yugenkoshi                           | ESPACENET database<br>Abstract only   |                |
|                       | FP-37                    | JP 10-175893 A   | 06-30-1998                     | Tosoh Corp.  | WPIDS Abstract only   |                |
|                       | FP-38                    | TW 224479 A  | 06-01-1994                     | Chi Mei Corp.                                      | WPIDS Abstract only   |                |

| Examiner<br>Signature | Date<br>Considered |  |
|-----------------------|--------------------|--|

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